



TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/784,376																															
		Filing Date	February 23, 2004																															
		First Named Inventor	Sundararajan et al.																															
		Art Unit	2176																															
		Examiner Name																																
Total Number of Pages in This Submission	6	Attorney Docket Number	BEAS-01391US1																															
ENCLOSURES (Check all that apply)																																		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT																																		
Firm Name	Fliesler Meyer LLP - Customer Number 23910																																	
Signature																																		
Printed Name	Joseph P. O'Malley																																	
Date	March 21, 2005	Reg. No.	36,226																															
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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:																																		
Signature																																		
Typed or printed name	Teri Muir	Date	March 21, 2005																															

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application

Inventor(s): Sundararajan et al.
Appln. No.: 10/784,376
Confirm. No.: 8926
Filed: February 23, 2004
Title: SYSTEMS AND METHODS FOR
DECLARATIVELY TRANSFORMING DATA
OBJECTS BETWEEN DISPARATE
PRESENTATIONS

PATENT APPLICATION

Art Unit: 2176
Examiner:

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 24, 2005.

Teri Muir

(Attorney Signature)

Teri Muir

Signature Date: March 24, 2005

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- ✓ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ✓ The present application is being/was filed after June 30, 2003. In accordance with the pre-official gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at: pac/dapp/opla/preognotice/idswouscopies.htm, copies of cited U.S. patents and publications are not enclosed. However, copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98(a)(2), as still required, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

— The present application was filed prior to June 30, 2003. A copy of each cited document as required by 37 C.F.R. §1.98 is enclosed, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

— If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

— ***PTA Statement under 37 C.F.R. §1.704(d).*** Each item of information contained in the *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the *Information Disclosure Statement*.

This statement should be considered because:

✓ — **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

— **37 C.F.R. §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (check at least one of the following) --

— (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).

-- OR --

— (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

— **37 C.F.R. §1.97(d).** Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is being filed on or before payment of the Issue Fee;
-- AND --
- (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);
-- AND --
- (3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

Respectfully submitted,
FLIESLER MEYER LLP

By: Joseph P. O'Malley
Reg. No. 36,226



Form PTO 449 (Substitute) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)	Attorney Docket Number	Serial/Patent Number
	BEAS-01391US1	10/784,376
	Applicant/Patent Owner Sundararajan et al.	
	Filing/Issue Date February 23, 2004	Group Art Unit 8926

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	5,862,327	01/19/99	Kwang et al.	395	200	06/10/96
	5,950,010	09/07/99	Hesse et al.	395	712	11/25/96
	6,023,722	02/08/00	Colyer	709	201	07/23/97
	6,067,548	05/23/00	Cheng	707	103	07/16/98
	6,141,686	10/31/00	Jackowski et al.	709	224	06/23/98
	6,222,533	04/24/01	Notani et al.	345	329	08/25/97
	6,230,309	05/08/01	Turner et al.	717	1	04/25/97
	6,237,135	05/22/01	Timbol	717	1	09/11/98
	6,282,711	08/28/01	Halpern et al.	717	11	08/10/99
	6,324,681	11/27/01	Sebesta et al.	717	1	10/01/98
	6,349,408	02/19/02	Smith	171	11	06/30/98
	6,393,605	05/21/02	Loomans	717	121	11/17/99
	6,549,949	04/15/03	Bowman-Amuah	709	236	08/31/99

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant
	2002/0073080 A1	06/13/02	Lipkin
	2003/0046266 A1	03/06/03	Mullins et al.

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
	WO 01/90884 A2	29/Nov/01	Europe	G06F	9/00	X

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

	Mariucci et al., "Enterprise Application Server Development Environments"; University of Stuttgart; 10 th October 2000; last update; pp: 1-30.
	IPlanet, e-commerce solutions; "iPlanet Application Server 6.0 White Paper", technical reference guide; May 25, 2000; pp:1-104.
	Roman et al., "The Technical Benefits of EJB and J2EE Technologies over COM+ and Windows DNA", December 1999, Prepared for Sun Microsystems, Inc. © 1999 The Middleware Company; pp: 1-24.

		HP Application Server; Technical Guide Version 8.0; Hewlett-Packard Company; © Copyright 1999-2001; pp: 1-234.
		Deuvo et al., "An Infrastructure for the Dynamic Distribution of Web Applications and Services"; Department of Computer Science, Boston University, December 2000; BUCS-TR-2000-027; pp: 1-22.
<u>Examiner</u>		<u>Date Considered</u>
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>*1 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20____, relied on under 35 USC §120.</p> <p>*2 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20____, relied on under 35 USC §120.</p>		